

Amended claims - please scan in

10/092,889

Claims 1-6 (Canceled).

7. (currently amended) The hydantoin of claim 16, wherein R¹ is (C₁-C₆)-alkyl, (C₃-C₇)-cycloalkyl or (C₃-C₇)-cycloalkyl-(C₁-C₄)-alkyl.

8. (previously presented) The hydantoin of claim 7, wherein R¹ is isobutyl or cyclopropylmethyl.

9. (original) The hydantoin of claim 7, wherein the carbon atom carrying the R¹ residue has an S configuration.

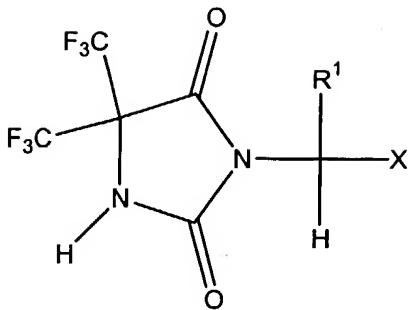
10. (currently amended) The hydantoin of claim 16, wherein ~~the carboxylic acid derivative X~~ is a (C₁-C₆)-alkyl carboxylate ester.

Claims 11-12 (Canceled).

13. (currently amended) The process of claim 22, wherein the reaction is carried out in an inert solvent and at a temperature from about 20°C to about 80°C.

Claims 14-15 (Canceled).

16. (New) A hydantoin having the formula:

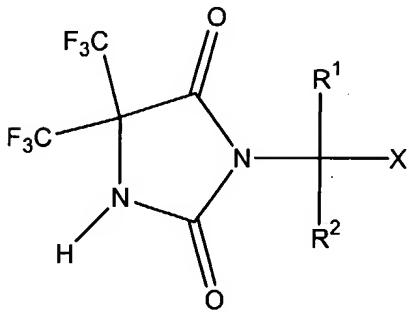


in any stereoisomeric or tautomeric form,

wherein R¹ is hydrogen or an unsubstituted or substituted residue selected from the group consisting of (C₁-C₆)-alkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-alkynyl, (C₃-C₇)-cycloalkyl, (C₃-C₇)-cycloalkyl-(C₁-C₄)-alkyl, (C₆-C₁₂)-aryl, (C₆-C₁₂)-aryl-(C₁-C₄)-alkyl, heteroaryl and heteroaryl-(C₁-C₄)-alkyl,

wherein X is COOH, a metal salt of COOH, an ammonium salt of COOH, a C₁-C₆ alkyl carboxylate ester, a benzyl carboxylate ester, -CONH₂, -CN, -CHO, or -CH₂OH or a salt or derivative thereof, wherein said derivative is an ester, an amide, a nitrile, an aldehyde or a hydroxymethyl group.

17. (New) A hydantoin having the formula:



wherein R¹ and R² independently are selected from the group consisting of hydrogen or an unsubstituted or substituted residue selected from the group consisting of (C₁-C₆)-alkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-alkynyl, (C₃-C₇)-cycloalkyl, (C₃-C₇)-cycloalkyl-(C₁-C₄)-alkyl, (C₆-C₁₂)-aryl, (C₆-C₁₂)-aryl-(C₁-C₄)-alkyl, heteroaryl and heteroaryl-(C₁-C₄)-alkyl,

wherein X is COOH, a metal salt of COOH, an ammonium salt of COOH, a C₁-C₆ alkyl carboxylate ester, a benzyl carboxylate ester, -CONH₂, -CN, -CHO, or -CH₂OH or a salt or derivative thereof, wherein said derivative is an ester, an amide, a nitrile, an aldehyde or a hydroxymethyl group.

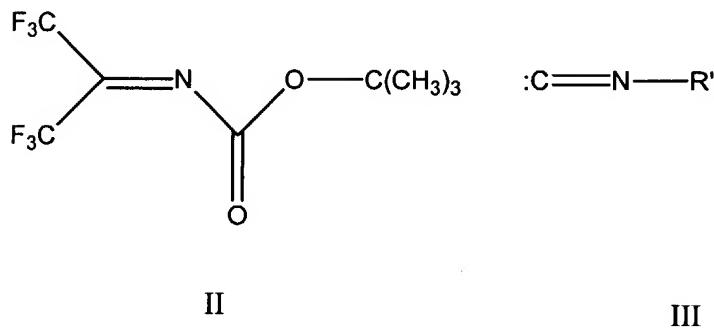
18. (New) The hydantoin according to claim 16, wherein X is COOH, or a salt thereof of a metal salt of COOH, or an ammonium salt of COOH.

19. (New) The hydantoin according to claim 17, wherein X is COOH or a salt thereof, a metal salt of COOH, or an ammonium salt of COOH.

20. (New) The hydantoin according to claim 16, wherein X is an ester or an amide a C₁-C₆ alkyl carboxylate ester, a benzyl carboxylate ester, or -CONH₂.

21. (New) The hydantoin according to claim 17, wherein X is an ester or an amide a C_1-C_6 alkyl carboxylate ester, a benzyl carboxylate ester, or $-\text{CONH}_2$.

22. (New) A process for preparing a hydantoin according to claim 17, which comprises reacting the compound of formula II with a compound of formula III



wherein R' is $-C(R^1)(R^2)-X'$,

wherein R¹ and R² independently are selected from the group consisting of hydrogen or an unsubstituted or substituted residue selected from the group consisting of (C₁-C₆)-alkyl, (C₂-C₆)-alkenyl, (C₂-C₆)-alkynyl, (C₃-C₇)-cycloalkyl, (C₃-C₇)-cycloalkyl-(C₁-C₄)-alkyl, (C₆-C₁₂)-aryl, (C₆-C₁₂)-aryl-(C₁-C₄)-alkyl, heteroaryl and heteroaryl-(C₁-C₄)-alkyl, and

wherein X' is selected from the group consisting of a carboxylic acid ester, an amide, a nitrile, an aldehyde and a hydroxymethyl group, a C₁-C₆ alkyl carboxylate ester, a benzyl carboxylate ester, -CONH₂, -CN, -CHO, or -CH₂OH.

23. (new) The hydantoin of claim 17, wherein the carboxylic acid derivative X is a (C₁-C₆)-alkyl carboxylate ester.